

## Contents Volume 28, 1996

### Research papers

Managed coastal retreat, reducing flood risks and protection costs, Dungeness Nuclear Power Station, UK	
R.J. Maddrell . . . . .	1
Wave set-up on coral reefs. 2. Set-up on reefs with various profiles	
M.R. Gourlay . . . . .	17
Efficient higher-order finite-difference schemes for parabolic models	
N. Dodd . . . . .	57
A new non-dimensional number for the analysis of wave reflection from rubble mound breakwaters	
M.A. Davidson, P.A.D. Bird, G.N. Bullock and D.A. Huntley . . . . .	93
One-dimensional modelling of individual waves and wave-induced longshore currents in the surf zone	
L.C. van Rijn and K.M. Wijnberg . . . . .	121
Oscillations in a coupled bay-river system. 1. Analytic solution	
X. Yu . . . . .	147
Oscillations in a coupled bay-river system. 2. Numerical method	
X. Yu and H. Togashi . . . . .	165
Estimation method of stable weight of spherical armor unit of a submerged wide-crown breakwater	
T.M. Rufin Jr, N. Mizutani and K. Iwata . . . . .	183
3-D non-breaking regular wave interaction with submerged breakwaters	
I.J. Losada, R. Silva and M.A. Losada . . . . .	229
Interaction of non-breaking directional random waves with submerged breakwaters	
I.J. Losada, R. Silva and M.A. Losada . . . . .	249
<i>Contents Volume 28</i> . . . . .	267